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Hal Woodward

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From: Lloyd H. Woodward
Serial No. 666,009
Application number 20050001774

MAR 07 2005

To: USPTO

Gentlemen,

Please accept the following pages as substitute specifications and drawings for this application. I have reformatted the application as requested by the examiner, following the format which you sent to me.

Best,

Lloyd H. Woodward, Sr.

Pages including this page - 11

This includes a separate abstract page as requested. Thank you.

United States Patent Application
Kind Code
Woodward, Lloyd Harold

20050001774
A1
January 6, 2005

Flexible multi-cladded metallic tape for forming parabolic shaped magnetic field and energy deflecting devices

Inventors *Woodward, Lloyd Harold; (Dunn Loring, VA)*

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 Serial No.: **US**
 666009
 Series Code: **10**
 Filed: **September 21, 2003**

U.S. Current Class:	343/702; 343/841
U.S. Class at Publication:	343/702; 343/841
Intern'l Class:	H01Q 001/24; H01Q 001/52

Abstract

A flexible multi-layered metallic tape for deflecting and blocking the RF radiation emitted by various antennas, particularly those used on cellular telephones, satellite telephones or military field radio-phones. Shaping of device around antenna causes multiple effects, including protecting the human user from harmful radiation, for military applications makes RF hard to DF and causes minor amplification of received signals by concentrating them on to antenna. The outer most part of the deflector shield should be made of a solid lead or gold tape that is six thousandths thick and 1/2" wide wherein a 1" length would weigh 1/4 gram. The outer most part would have an insulating flexible adhesive for cladding it to the next inner part. The first inner part of the shield should be made of solid copper foil. Best results coming from a foil that is at least three thousandths thick. Aside from having the outer most part cladded in parallel to it, it would have an insulating flexible adhesive for cladding it to the next inner part. The second inner part layer should be formed from 80 mesh 100% copper metal fabric; as shown in the drawing Figure 3 - Part 3. Aside from having the first inner part cladded in parallel to it, it would have an insulating flexible adhesive for attaching the shield to the mobile telephone, covered by a non-stick peel-off paper.

3 Claims, 4 Drawing Sheets

Lloyd H. Woodward
Serial number: 666,009

Abstract

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